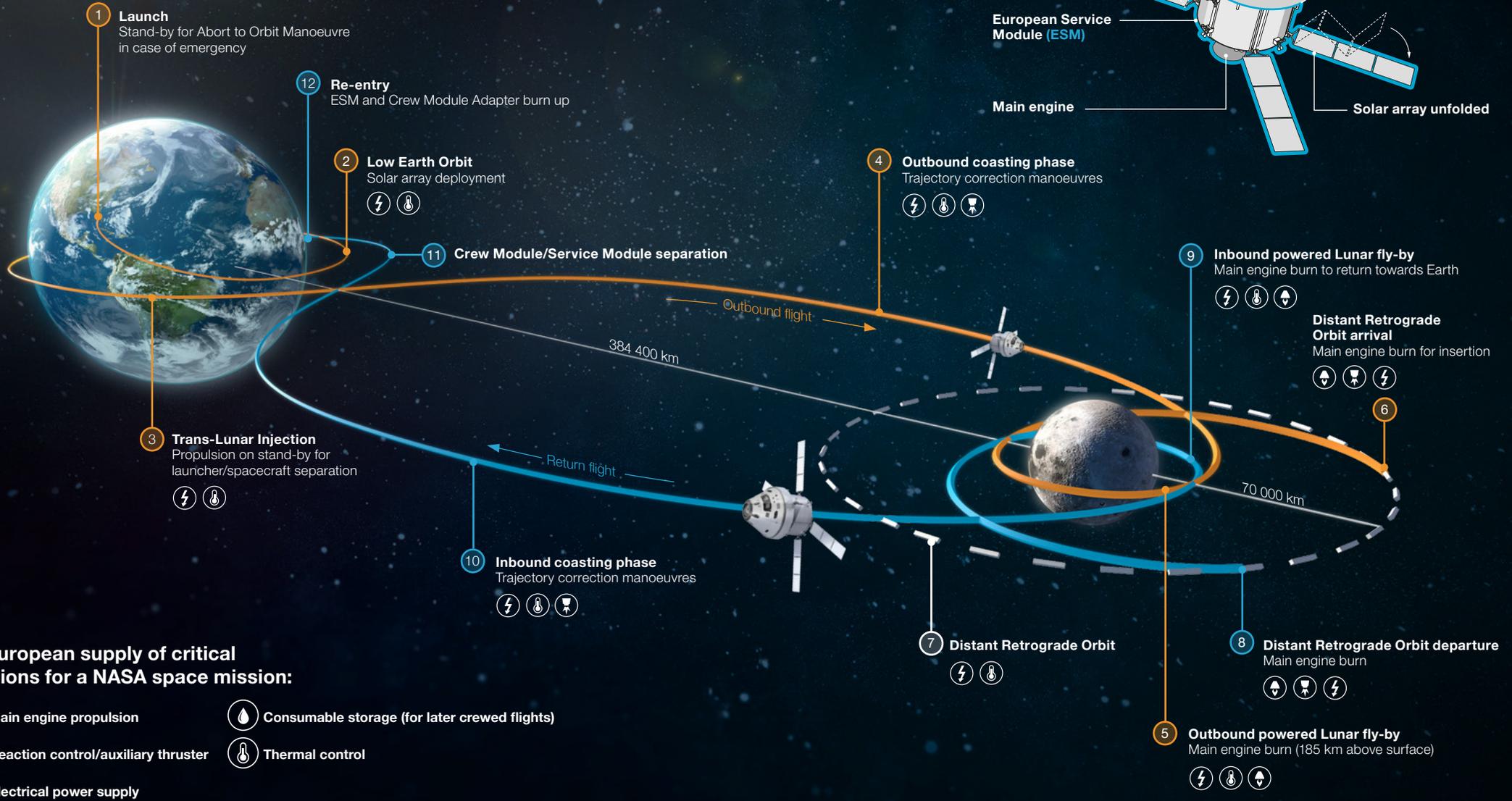
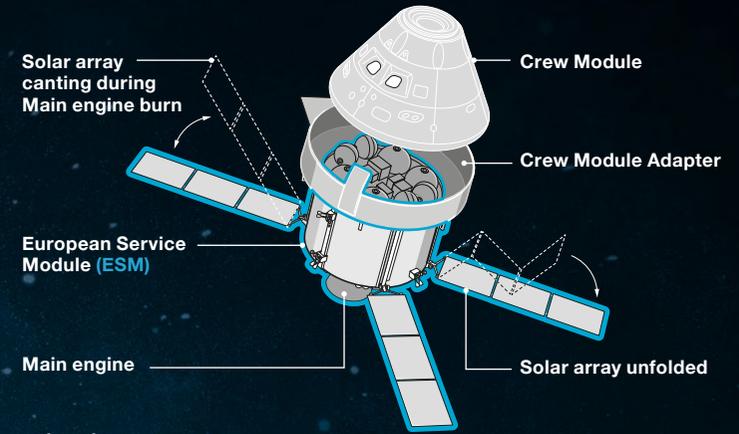


Journey around the Moon powered by Airbus DS

While travelling around the Moon and back on its first mission (EM-1), the unmanned NASA Orion spacecraft will demonstrate its systems and high speed entry performance prior to crewed flights. Under an ESA contract, Airbus Defence and Space is **building the European Service Module (ESM)** that will power the spacecraft and hence provide critical functions during the whole mission:

Orion spacecraft and ESM



1st European supply of critical functions for a NASA space mission:

- Main engine propulsion
- Consumable storage (for later crewed flights)
- Reaction control/auxiliary thruster
- Thermal control
- Electrical power supply